

OPTIFERT Final report Annex: Figures and tables

Figure 1: The harvesting module during field tests in early 2014



Fig.2: General view of the sorting, cutting and bundling module

Table 1; Cost comparison between manual harvest and ROD-PICKER harvester

	Manual harvest with brush cutter	ROD-Picker	Optimization
Staff	4 Back staff (20 Mh /ha)	1 Expert (1,25 Mh /ha)	Reduced by 94 %
Crop performance:	~ 0,2 ha/h	~ 0,8 ha/h	Increased by 300 %
Staff costs	~ 240 € / ha	~ 20 € / ha	Reduced by 91 %
Technique costs (inkl. 80 kW tractor)	~ 135 € / ha	~ 202 € / ha	Increased by 50 %
Overall costs	~ 449 € / ha	~ 243 € / ha	Reduced by 46 %

Figure 3; Cost comparison between manual harvest and ROD-PICKER harvester

